

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"5301115".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 13:11
S2	3	"2002080618"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 13:13
S3	2	"6459387".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 13:19
S4	5	S1 S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 15:10
S5	268	701/223.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 15:11
S6	1467	701/301.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 15:10
S7	129	701/302.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 15:10
S8	594	382/104.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 15:10

## EAST Search History

S9	1402	382/103.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 15:10
S10	1517	382/199.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 15:52
S11	2083	701/200.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 15:11
S12	1	10/743444	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 15:21
S13	8	S8 and S9 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 18:02
S14	25	gradient near ((low near contrast) in-distinct indistinct)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 15:24
S15	0	S14 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 15:24
S16	0	S14 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 15:24

## EAST Search History

S17	1	S13 and gradient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 17:58
S18	1	S13 and bend\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 18:03
S19	32	road same gradient same bend\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 15:56
S20	1521	382/199.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 15:52
S21	0	S20 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 15:52
S22	372	road same gradient same (bend\$3 curv\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:06
S23	340	S22 not S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 15:57
S24	0	S23 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 15:57

## EAST Search History

S25	268	701/223.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 15:58
S26	1473	701/301.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 15:58
S27	129	701/302.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 15:58
S28	596	382/104.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 15:58
S29	1415	382/103.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 15:58
S30	2095	701/200.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 15:58
S31	7152	S25 S26 S27 S28 S29 S20 S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 15:58
S32	25	S23 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 15:58

## EAST Search History

S33	64	road near (bend\$3 curv\$3) same gradient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 16:07
S34	43	road same gradient same (bend\$3 curv\$3) same (edge boundary)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 17:26
S35	1	road same gradient and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 17:37
S36	10	("5359666"   "5555555"   "5739848"   "6163022"   "6493458"   "6546118"   "6549642"   "6590521"   "6593960").PN. OR ("6829388").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/22 17:40
S37	0	("2003/0026456").URPN.	USPAT	OR	ON	2007/02/22 17:43
S38	7	("20020042668"   "5991427"   "6133824"   "6434256"   "6449383").PN. OR ("6850628").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/22 17:46
S39	18	("5208750"   "5245422"   "5465079"   "5485381"   "5528888"   "5555312"   "5555555"   "5617086"   "5708427"   "5790403").PN. OR ("5991427").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/22 17:48
S40	6	("20020031242"   "20030099377"   "5487116"   "5987174"   "6466684").PN. OR ("6845172").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/22 17:52
S41	23	("4970653"   "5075864"   "5208750"   "5301115"   "5529138"   "5555312"   "5581250"   "5642093"   "5642106"   "5706355"   "5835028"   "5917937"   "5961571"   "6091833"   "6133824"   "6141435"   "6212287"   "6429789"   "6546118"   "6591000").PN. OR ("6819779").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/22 17:54

## EAST Search History

S42	48	("4970653"   "5220508"   "5341437"   "5359666"   "5369590"   "5487116"   "5517412"   "5530771"   "5555312"   "5555555").PN. OR ("5790403").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/23 11:03
S43	6	JP-A-11-83501	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/02/23 13:25
S44	0	road near image near gradient near (curv\$3 bend\$3)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/02/23 15:11
S45	2	road near image near gradient	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/02/23 13:25
S46	26	road same image same gradient same (curv\$3 bend\$3)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/02/23 15:12
S47	11	road near gradient near (curv\$3 bend\$3)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/02/23 13:42
S48	0	road near gradient near (curv\$3 bend\$3) near (edge boundary)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/02/23 13:43
S49	0	(road near (curv\$3 bend\$3)) same (gradient near (edge boundary))	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/02/23 13:44
S50	4	(road near (curv\$3 bend\$3)) and (gradient near (edge boundary))	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/02/23 13:44
S51	29	("4819169"   "4926364"   "4933864"   "4970653"   "5087969"   "5170352").PN. OR ("5301115").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/23 13:52

## EAST Search History

S52	29	(US-20030026456-\$ or US-20020131620-\$ or US-20030001732-\$ or US-20020042668-\$ or US-20030099377-\$).did. or (US-6393361-\$ or US-6343253-\$ or US-5159556-\$ or US-6823241-\$ or US-6442453-\$ or US-6401023-\$ or US-6819779-\$ or US-6850628-\$ or US-6845172-\$ or US-4670845-\$ or US-6725145-\$ or US-6829388-\$ or US-6546118-\$ or US-6493458-\$ or US-5991427-\$ or US-5790403-\$ or US-6894639-\$ or US-5301115-\$ or US-5922036-\$ or US-5675489-\$ or US-5517412-\$).did. or (JP-2000214766-\$).did. or (JP-2001160200-\$ or US-5301115-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/02/23 14:16
S53	13	S52 and gradient and (curv\$3 bend\$3) and (edge bound\$3)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/02/23 14:18
S54	29	S52 and (gradient (curv\$3 bend\$3) (edge bound\$3))	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/02/23 14:19
S55	0	road near image near (gradient intensity) near (curv\$3 bend\$3)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/02/23 15:11
S56	46	road same image same (gradient intensity) same (curv\$3 bend\$3)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/02/23 15:13
S57	20	S56 not S46	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/02/23 15:20
S58	1	10/743444	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/02/23 15:20
S61	46	road same image same (gradient intensity) same (curv\$3 bend\$3)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/02/26 20:26

## EAST Search History

S62	7	S61 and (neural near network)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 20:28
S63	31796	(neural near network)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 20:29
S64	64	road near (bend\$3 curv\$3) same gradient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 20:29
S65	4	S64 and S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 20:29
S66	1	10/743444	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:01
S67	31823	(neural near network)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:01
S68	31823	S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:05
S69	2292	S67 and road	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:05



## EAST Search History

S70	372	road same gradient same (bend\$3 curv\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:06
S71	18	S70 and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:06
S72	12481	S67 and image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:52
S73	575	S72 and road and (veichle car automobile)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:56
S74	1521	382/199.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:53
S75	268	701/223.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:53
S76	1474	701/301.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:53
S77	129	701/302.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:53

## EAST Search History

S78	596	382/104.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:53
S79	1419	382/103.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:53
S80	2097	701/200.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:53
S81	7159	S75 S76 S77 S78 S79 S74 S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:53
S82	88	S73 and S81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 14:02
S83	0	(turn\$3 near (head-light headlight)) same (road near bend)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:54
S84	0	(turn\$3 near (head-light headlight)) same (road near bend\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:54
S85	1	(turn\$3 near (head-light headlight)) and (road near bend\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:55

## EAST Search History

S86	1	((turn\$3 mov\$3) near (head-light headlight)) and (road near bend\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:55
S87	1391	((turn\$3 mov\$3 movable) near (head-light headlight))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:56
S88	794	S87 and (veichle car automobile)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:56
S89	36	S88 and (road near (bend\$3 curv\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:57
S90	8	S82 and S88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 14:02
S91	1288	((turn\$3 mov\$3) near (head-light headlight))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 15:15
S92	491	382/192.ccls. 382/194.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 15:22
S93	2	S92 and gradient near vector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 15:23

## EAST Search History

S94	10	S92 and gradient same vector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 15:16
S95	8	S94 not S93	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 15:18
S96	4	S92 and (vector near (count sum add)) and gradient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 15:19
S97	217	382/194.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 15:22
S98	18	S92 and gradient and vector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 15:23
S99	8	S98 not S94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 15:23